

1954 Price List #15

NORDAN'S GRASS FARMS

"Growers of Superior Turf Grasses"

Telephones 183-J or 191-J

Abbeville, Alabama

This price list cancels all previous quotations. Prices are subject to change without notice.

1955 contract prices sent upon request. ($\frac{1}{2}$ acre & more per variety)

SHIPPING DATES: Green sod-Late March through September. Dormant sod-November through early March. Bookings are invited.

SAMPLES PREPAID IN U.S.A.-ENOUGH TO SPRIG 500 SQ. FT. & MORE

2 to 5 SQ. YDS. PER YARD

6 to 10 SQ. YDS. PER YARD

11 to 21 SQ. YARDS PER YARD

21 YARDS & MORE PER YARD

THIS AMOUNT OF ZOYSIA MATRELLA SHIPPED FROM AUBURN, ALABAMA

SOLID SOD LESS SOIL FOB ABBEVILLE *

Bermuda, South African (Transvaal)	\$ 5.00	3.00	2.50	2.00	1.50
Bermuda, Tiflawn (Tifton 57)	5.00	4.00	3.50	3.00	2.50
Bermuda, Tiffine (Tifton 127)	5.00	5.00	4.50	4.00	3.50
Bermuda, U-3 (For North)	5.00	5.00	4.50	4.00	3.50
Bitter-Bluestem (Improved St. Aug.)	5.00	3.50	3.00	2.50	2.00
Centipede, PI-72,260	5.00	3.00	2.75	2.50	2.25
Centipede, Red Stem	5.00	2.75	2.50	2.25	2.00
Dichondra Repens (Not a grass)	5.00	5.00	4.50	4.00	3.50
St. Augustine, Common	5.00	3.00	2.50	2.00	1.50
Zoysia japonica, Common	5.00	3.50	3.00	2.75	2.50
Zoysia japonica, Meyer (Z-52)	20.00	24.00	23.00	22.00	21.00
1 square foot Z-52 prepaid in U.S.A.					
Will make 144 one inch plugs..\$5.00					
Zoysia matrella, Baker	5.00	5.00	4.50	4.00	3.50
Zoysia matrella, Common	5.00	4.00	3.50	3.00	2.50
Zoysia tenuifolia (Korean Velvet)	10.00	6.00	5.50	5.00	4.50

WRITE FOR PRICES ON THE NEWER GRASSES AS THEY ARE RELEASED. ONLY THE BEST OR WE DON'T SHIP.

1 sq. yd. equals approximately 1 to 1 $\frac{1}{2}$ bushels of loose packed turf, depending on the height of cut at time of digging.
 1 sq. yd. of the Zoysias will sprig approximately 1000 to 2000 sq. ft.
 1 sq. yd. of the Bermudas will sprig approx. 1000 to 2000 sq. ft.
 1 sq. yd. of the Centipedes will sprig approx. 600 to 1000 sq. ft.
 1 sq. yd. of the St. Augustines will sprig approx. 400 to 700 sq. ft.
 1 sq. yd. of sod divided into 2 inch plugs will plant 324 sq. ft.

Two inch cut plugs (sod & soil)f.o.b. Abbeville

PRICED PER 100-Quantities up to----- 1000 2000 3000 4000 5000

Bermuda, South African \$ 3.50 3.00 2.50 2.25 2.00

Bermuda, Tiffine, (Tifton 127) 5.00 4.50 4.00 3.50 3.25

Centipede 3.50 3.00 2.50 2.25 2.00

Zoysia japonica, Meyer Z-52 10.00 9.00 8.00 7.00 6.50

Zoysia matrella, Common 5.00 4.50 4.00 3.50 3.00

Foot operated lawn plugger for making your 2 inch holes.....\$5.00 ea. or FREE with plug order of \$50.00 or more.

Prices furnished on 8 inch plugs upon request.

(OVER CONTINUED)

(2)

PURE PERMANENT LAWN SEED (Prepaid in U.S.A.)

Zoysia japonica	Centipede (PI-72,260)
1-3 lbs.....per pound.....\$6.00	4 ounces.....\$4.25
4-10 lbs.....per pound..... 5.00	5-15 ounces..per oz..... 1.00
11-24 lbs....per pound..... 4.00	1-lb. & more per lb.....\$15.00
25 lbs. & more per pound.... 3.00	Plant 3 oz. per 1000 square ft.

Dichondra Repens (Evergreen ground cover)

4 ounces.....\$4.00
1 pound.....\$12.00
2 lbs. & more per pound.....\$10.00
Plant 8 ounces per 1000 square ft.

LAWN BORDER PLANTS (Prepaid in U.S.A.) Quotations per 100

Monkey Grass.....\$2.00	Liriope, Muscari, dk. grn.\$8.00
Ophiopogon japonica(Dragon Bd)2.00	Liriope, Muscari, varigat\$10.00

INFORMATION AVAILABLE AT 10¢ per copy. (Prepaid)

"How to Have a Beautiful Lawn"	"Selecting a Good Southern Lawn
"14 Pointers on Making Good Lawns"	Grass"
"Meet the Zoysia Family"	"Care of the Lawn"

TERMS AND CONDITIONS OF SALE

Payment by cash, firm's check, cashier's check or money order payable to NORDAN'S GRASS FARM must accompany order. "Pick up" orders must be placed and paid for at least three days prior to digging date. Orders will be filled on specified date with weather permitting.
WE DO NOT SHIP COD OR OPEN ACCOUNT.

We exercise every care to see that our products are handled in a manner that will keep them fresh and alive: we cannot guarantee that they will either live or grow after they leave our hands. Any plants which prove something other than what they were sold for will be replaced, but in no case will a greater price be allowed for any product replaced than originally paid.

All quotations are for immediate acceptance. No liability to us should stock be sold upon receipt of order or injured from heat or cold in transit, or should strikes or other causes prevent delivery.

FOB SHIPMENTS VIA RAILWAY EXPRESS UNLESS OTHERWISE SPECIFIED.

N O R D A N ' S G R A S S F A R M
"GROWERS OF SUPERIOR TURF"
ABBEVILLE, ALABAMA

REFERENCES: THE BANK OF ABBEVILLE * DUN AND BRADSTREET

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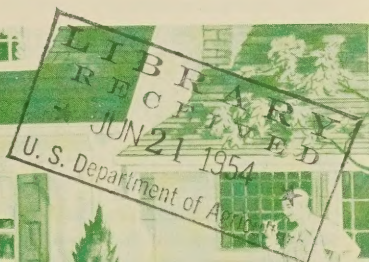
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"GROWERS OF SUPERIOR TURF"
ABBEVILLE, ALABAMA

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DICHONDRA

The Wonder Lawn



NORDAN'S GRASS FARM
BETTER SOIL FOR BETTER LAWNS
ABBEVILLE ALABAMA

SEED GROWERS AND HORTICULTURISTS
GERMAIN'S
SINCE 1871

LOS ANGELES

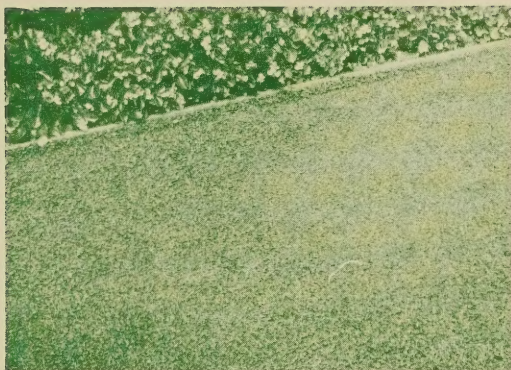
CALIFORNIA



Plant **DICHONDRA** — — *The Wonder Lawn*

ENJOY ALL THESE WONDERFUL ADVANTAGES

- | | |
|-----------------------------|----------------------------|
| ★ Deep, Rich Green All Year | ★ Resists Rough Usage |
| ★ Requires No Mowing | ★ Forms Dense Turf |
| ★ Chokes Back Bermuda | ★ Thrives in Sun and Shade |



Dichondra is a low-growing American plant, native to the southeastern part of the United States, from Virginia south. It is known botanically as *Dichondra Repens* or *D. Repens* var. *Carolinensis*. It makes a dense sod by means of runner-like stems, growing very close to the ground, but never forms a thick mat like Bermuda grass. The kidney-shaped leaves, about one-fourth inch wide, and seldom over 1½ inches in height, have a rich, dark velvety-green color. *Dichondra* is tough in texture and hard usage will not injure the strong turf nor mar its beautiful appearance.

Germain's Dichondra Seed is Specially Treated for Quick Germination

Due to its naturally hard seed coat, *Dichondra* seed normally does not readily absorb water. But a special treatment developed in our seed laboratory now insures approximately 80 per cent quick germination.

Germain's treated seed, under normal growing conditions, germinates in six to ten days and does away completely with the delayed germination which in the past was a serious problem in lawn building. Planted in spring or summer, Germain's treated seed will produce a good *Dichondra* lawn in 70 to 90 days.

GERMAIN'S KOLORCOAT* DICHONDRA SEED

Germain's Kolorcoat *Dichondra* seed is an important aid to the lawn maker. Since each plant soon covers an area four inches square, the seed is scattered much more thinly than ordinary grass seed. Kolorcoat not only protects and stimulates the seeds, but due to its color and increased size (Kolorcoat *Dichondra* is 16 times the size of uncoated seed) it makes handling and proper spacing much easier and prevents unnecessary waste of seed.

PLANTING A NEW DICHONDRA LAWN

Dichondra is a strong, resistant plant, tolerant of soil conditions and locations. Any average garden will grow a good *Dichondra* lawn.

Before sowing, prepare the ground as you would for a grass lawn. Work up the soil thoroughly, add organic matter to the upper four inches if needed, and level to a smooth surface.

Sow the seed broadcast, very sparsely, as each plant will cover about four square inches; or drop four to six seeds about three inches apart each way. Then cover by raking the soil lightly with a garden rake. If a mulch is used, peat moss is recommended. Water at least once a day for the first week and often enough thereafter to keep the soil moist.

Dichondra develops slowly at first, requiring 70 to 90 days to produce a good *Dichondra* lawn. Since it is a low growing plant, the weed problem needs attention during the early stages, but once established, weed troubles are at a minimum.

*T. M. Registered

PLANTING DICHONDRA WITH NURSE CROP

Many experienced gardeners now prefer to start a new dichondra lawn with a nurse crop. Short-lived grasses or white clover are most frequently used for this purpose.

When the ground is well prepared, divide in two equal parts a sufficient quantity of the nurse crop seed to be used. Sow one part sparsely enough to cover the entire area, going in one direction. Then sow the other part in the same manner but this time going across the area at right angles to the first. The dichondra seed is then sown as uniformly as possible, using the same method. Again divide the proper amount of seed in two parts and sow each half broadcast while going in two different directions, to insure a more even coverage. Rake lightly or cover with a mulch; do not use steer manure. Water well until nurse crop is up and then two to three times a week, depending on the weather, until clover or grass is large enough to shade the ground. White clover has a closer resemblance to dichondra and is often preferred as a nurse crop, unless hard usage is anticipated. In that case, annual rye grass is suggested.

Keep clover or grass mowed during the early period to two and one-half or three inches high. When the dichondra begins to show in the lawn, set the lawn mower lower, to cut even with the top of the dichondra. This helps the dichondra to crowd out the nurse crop and you soon will enjoy a beautiful all dichondra lawn. Clover or grass clippings should never be left on the lawn as it is injurious to the dichondra.



PLANTING DICHONDRA IN AN OLD LAWN

Dichondra will establish itself in an old lawn without extensive preparation. Cut the old lawn closely. Rake by hand or use power renovator. Sow about one-half the amount of dichondra seed used in making a lawn and scatter it in the same way recommended for a new lawn. Give it the same care, water and fertilizer. The time required for dichondra to take over an established lawn depends upon the kind and density of the turf. But, if well watered and fertilized, and closely mowed, the dichondra will be well in evidence in one year.

A DICHONDRA LAWN FROM FLATS

Many dichondra lawns are established with dichondra grown in flats. The sod in a 16-inch flat is cut into 144 squares about one and one-fourth inch in size. These small squares are planted six to eight inches apart each way and under favorable conditions will cover the ground in sixty days.

Dichondra in flats is a popular nursery item and easily obtained. A space 10x10 feet requires two to three flats of dichondra.

AMOUNT OF SEED REQUIRED

To obtain good coverage in a dichondra lawn, the amount of seed recommended is one Germain \$1.00 packet for 250 square feet. If white clover is used as a nurse crop, use three-fourths pound to 250 square feet. Rye grass should be used at the rate of one and one-half pounds to 250 square feet.

FEEDING THE DICHONDRA LAWN

A dichondra lawn does not require heavy feeding and will not tolerate strong manures. A well-balanced liquid fertilizer is recommended as it is easier to apply evenly, at the proper strength. At least two applications should be made each year. Once in the early spring, when an extra supply of nitrogen will strengthen the color, which is sometimes affected by the flowering and seed setting which occurs in spring. And again in fall, as a good, strong turf will suffer less during the winter months.

WHEN TO PLANT

In California and all mild climates dichondra lawns can be started at any time of the year. But as the summer is the best growing season for dichondra, spring or early summer planting gives quickest results. When planting during the colder months, a nurse crop is especially advisable.

In the East or Middle West we recommend spring or early summer planting. This allows sufficient time to develop a strong root system and for the plants to make seed. When the foliage and top growth is hurt by rigorous weather the lawn will then renew itself from the roots and self-sown seeds.

ROTO-

GARDEN

TOOLS

HOE



ROTO-HOE,
Front

America's

Most Usable

Garden Tool



ROTO-HOE, Side

You can do the work of many machines **EASILY** with **ROTO-HOE** and low cost attachments

Useful All Year Around
Integral Design Gives
Complete Interchangeability

TILLAGE

It started thousands of years ago, when Adam was sent forth "from the garden of Eden to till the ground." The crooked stick plow and the brush drag of the ancients have finally culminated in the modern rotary hoe. The purpose is the same — to prepare a suitable seedbed, to eliminate competing weed growth and to improve the soil conditions.

ROTO-HOE was not originally intended to operate through turf or heavy sod, or for tilling large lawns or gardens — and we have never recommended it for these jobs. It was originally designed for the smaller plot where cost of larger equipment would be excessive. However, we have now developed a new optional tooth design which will make it possible to prepare much larger areas than before. These special teeth are supplied when you order the ROTO-HOE Model 148-H (Special), and are recommended for heavy soils only.

Roto-Hoe, by going over the ground twice, will till an average soil to approximately five inches in depth. By going over this same soil a third time, a depth of five and a half to six inches may be reached. If it is desired to till a portion of the garden to seven or eight inches in depth, this may be done by holding up on the handles and walking backwards. Our experience is that about two-thirds of our Roto-Hoe owners use their machine for tilling.

CULTIVATION

Roto-Hoe aerates the soil, breaks up capillary action and thus retains moisture. Its fifteen times, revolving at 300 revolutions per minute, are so arranged as to disintegrate the heavier clay soils, without exposing them to hard packing and baking after rain and sun. Roto-Hoe users are repeatedly amazed at the fine friable soil condition during the growing season.

HOME GARDENS

Here Roto-Hoe is ideal. It tills in all the corners, close to fences, etc. It cultivates close up to your plants, and really saves hand hoeing. It's easily loaded in your car trunk for use anywhere. With it, you can keep your garden at peak with a fraction of time.

GREENHOUSES & NURSERYMEN

Roto-Hoe will fill your beds, mix fertilizer, or mill up a compost pile. By alternately placing manure and dirt together, the Roto-Hoe will mix these together or will incorporate, if on top of a bed. One man can easily lift the Roto-Hoe onto any bed or bench or into the trunk of a car. Sterilizing time is often reduced to one-half over hand methods in working of beds. Roto-Hoe, the very same machine, is just the tool for cultivation outdoors.

Roto-Hoe can be used by all landscape men for planting work to a real advantage. Also, by placing one or more chalk marks on tire, and pulling machine backwards, one can make several equal spaced holes per minute for replanting in the nursery.

FLORISTS and ESTATES

Roto-Hoe is easily moved across lawns, from one flower bed to another, or for tilling along borders. The new 12-inch and 16-inch trimmer attachments can be installed in a few minutes, adding greatly to its usefulness, for cutting grass in narrow places, close up to trees or bushes, under edges of evergreens, etc.

YEAR 'ROUND USEFULNESS

"Thrifty" is almost a lost word to some people. But in these days of high costs we believe that it is coming more and more into its own again. And it is with thriftiness, "more value for your money," in mind that we have made so many attachments available for ROTO-HOE at such low cost. To us it just makes good sense to use the high quality Lauson power unit as the central unit to power a number of tools.

Result: for a modest investment you can purchase not only ROTO-HOE but a number of other tools which are all interchangeable, and all use the same dependable power unit. Once you own a ROTO-HOE, you can add a tool or two each year for very modest cost — and even when you have the complete set of attachments, you still have a much smaller investment than you can make anywhere else to get so much in the way of high quality garden tools.

Look inside for specifications of the complete ROTO-HOE line. It represents *real value* for every dollar you spend. It will pay you to investigate.



**America's Most
Famous Combination**

ROTO-HOE

and

ROTO-CUTTER

Every year more and more thousands of people buy ROTO-HOE and ROTO-CUTTER. For this famous combination gives complete power garden and lawn care at exceptionally low cost. And ROTO-HOE owners are so enthusiastic that they tell and show friends and neighbors who also purchase. Just look at all the things you can do with ROTO-HOE, as shown below. Remember, you can buy any of these attachments as you need it, or any combination of several. And all are priced much lower than you think.

SPECIFICATIONS

CHASSIS All steel construction mounted on 2 zero-pressure 10 x 1.75 flat top rubber tired wheels. Overall width 16".

CLUTCH New easy clutch operated from standing position.

CONTROLS Flyball governor on engine controls engine speed. Speed can be readily changed by simple adjustment on outside of engine. Cultivator is easily controlled by raising or lowering handles, simply by raising handles to go forward, lowering to stop. Most people learn to operate the Roto-Hoe in 5 minutes or less. It's fun to learn.

DRIVE V-belt to chain to rotor. Novel design allows V-belt to act as both clutch and belt adjustment. Heavy roller chain fully enclosed for long life.

MOTOR Lauson 4-cycle, 2 h.p. — 3600 R.P.M., fully equipped with oil bath air cleaner, automotive type carburetor, rope starter. Oil pump. Two ball bearings on crankshaft.

ROTOR 11½" tine circle, 15 new stronger teeth, (12 teeth optional for use in heavy soils) self sharpening and hard-faced for longer wear, width of rotor 10"; with weed clips 11½". Tillage or cultivating depth 0-6".

WHEEL ATTACHMENT

This adjustment depth wheel is available for use in light and sandy soil. It will allow ROTO-HOE to operate satisfactorily in practically all soils of this nature, preventing its digging in too deeply.

SPECIAL HOOD ATTACHMENT

A special hood attachment is available and recommended where close cultivation is encountered around branches, etc. Also this hood will control and keep litter from being thrown in feed trough when ROTO-HOE is used for stirring litter.

BOLT-ON WEED CLIPS

These low cost clips easily bolt onto ROTO-HOE teeth, increasing the mulching and weed chopping ability. Eight or ten of these clips fastened to teeth will cut off and mulch in most of the weeds in one operation; a second time over will get any weeds left and leave a clean surface. These clips also increase the forward pulling power in light or sandy soil. (Clips are shown attached to standard design tooth.)



ROTO-HOE is the nationally accepted power tool for litter stirring in poultry houses. It stirs all litter, shallow and deep, and has the exclusive center disc which prevents damage to wood floor. Full particulars in our new 16 page 4 color catalog on request.

CHASSIS Steel frame with light gauge, high tensile steel alloy hood for maximum stability of cutter blade. Overall width 23½".

CUTTER The aluminum alloy cutter bar has a double edged high carbon steel knife riveted to each end. These blades are easily kept sharp with a file and should last the average owner two or more seasons. The cutter bar may be driven in either direction, giving double service from the knives. The cutter bar shaft is mounted in two Timken tapered roller bearings, sealed in lubricant. Cutting height is readily adjustable in a few seconds from 7/8" to 3", with exclusive ROTO-CUTTER height adjustment.

DRIVE Blade only is powered by V-belt drive. Cutter is easily pushed. Has maximum maneuverability in trimming around edges, shrubs, hedges, etc., which saves time.



ROTO-CUTTER is ideal for lawn mowing, cuts every blade and spreads fine clippings evenly.

While ROTO-CUTTER was designed for lawn mowing and trimming, this picture shows what it will do in tall grass — every blade is chopped up to a fine mulch.



ENGINE

Lauson 4-cycle (no oil to mix with gas) completely equipped. 2 H.P. reserve power.

WHEELS

Two rear 10 x 1.75 flat top. Two front 8 x 1¾. Rubber tired. Ball bearing. This diameter is important for easy rolling.



12" and 16" ROTO-CUTTERS

These two models are basically the same as the 20" ROTO-CUTTER above, except for cutting width. The 16" model is 17¼" wide overall, and the 12" model is 13½" wide overall. All three are excellent for close-up trimming, but these two models are designed especially for use in narrower places and where total lawn area is not so great. Prices proportionately low.



ROTO-HOE Integral Design Allows You These Other Important Attachments . . . at MINIMUM COST!

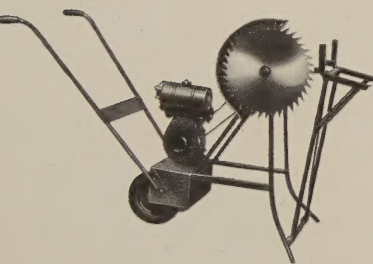
ROTO-BUZZ SAW

Makes wood sawing easy, quick, and inexpensive.

With this rugged and dependable saw attachment you can saw your winter's supply of fireplace or cord wood quickly. It cuts even hardest woods with ease. The rigidly-built tilting table will not permit wood to bind. Entire unit is sturdily built of tubular and angle steels and comes complete with V-belt and high quality 16" circular

saw blade, ready to attach to your ROTO-HOE power unit.

You can easily cut more than enough wood the first season to pay for this ROTO-BUZZ SAW Attachment, and we know you will be amazed at the excellent job it does.

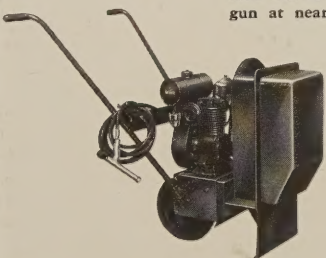


ROTO-ZEPHYR SPRAYER

At last, a high quality sprayer for home owner, farmer, estate owner or greenhouse operator—at reasonable cost.

Here's a high-pressure sprayer with reciprocating phosphor bronze pump that delivers 150 lbs. pressure at the gun at nearly 2 gallons per minute. Jet agitation in tank keeps solution mixed. The five gallon tank is bonderized and enameled, has screen and relief valve and non-splash cover. Gun is adjustable from cone spray to stream, lightweight, modern in design, foolproof. This sprayer is ideal for insecticide, fungicide, fertilizer spraying as well as white washing and fire-fighting.

ROTO-ZEPHYR Sprayer may be purchased as a complete unit, or as an attachment for standard ROTO-HOE power unit. Either way it represents one of the best values in America in a power sprayer.

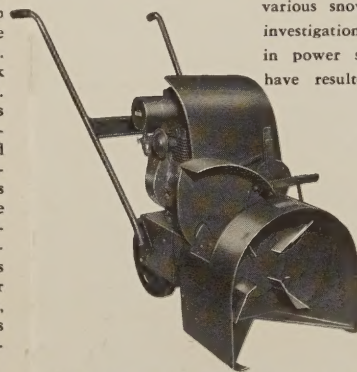


ROTO-SNO BLOWER

Saves 75% of the work in snow removal.

Three winters of experimenting with various snow conditions and careful investigation of what the public wants in power snow removal equipment have resulted in this ROTO-SNO Blower. There's no weight or traction problem here. The snow goes directly into revolving blades as you wheel the machine forward — is thrown several feet off to the side, out of your way. Quickly, easily adjusts to throw to either side.

The low cost of this attachment makes it a "must" for those in the "snow belt". It's another quality attachment that adds to the all-season usefulness of your ROTO-HOE standard unit.



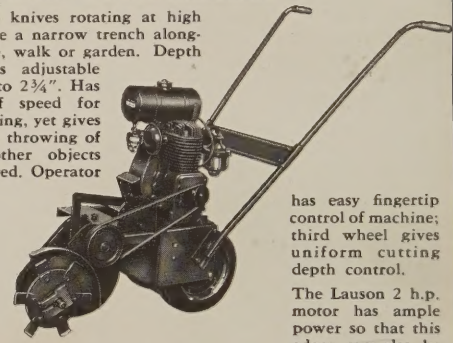
SAFE-SPEED EDGER

Easy edging of driveways, walks, flower beds and lawns with this low-cost attachment.

Six sharp knives rotating at high speed slice a narrow trench along-side drive, walk or garden. Depth of cut is adjustable from 0" to 2¾". Has plenty of speed for good cutting, yet gives minimum throwing of stones, other objects encountered. Operator

has easy fingertip control of machine; third wheel gives uniform cutting depth control.

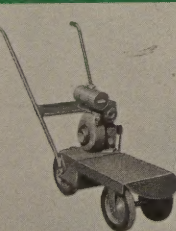
The Lauson 2 h.p. motor has ample power so that this edger can also be used to till small flower beds, gardens, etc. By simply moving handles back and forth and moving machine forward and backward, the Safe-Speed Edger will till the hardest packed earth — even skeptics are surprised at excellent results. Here's another low-cost attachment that increases usefulness of your ROTO-HOE.



ADAPTA-TOOL CART

Adds dozens of uses—makes power unit completely portable; sturdy steel platform on two rubber tire wheels for mounting grinder, power saw, pump, paint sprayer, electric generator — so you can easily move them almost anywhere you have jobs to do. Easily attaches to power unit in minutes.

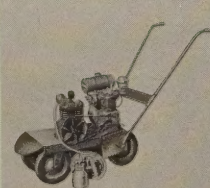
Adapta-Tool Cart



Electric Generator



Liquid Pump



Paint Sprayer, Compressor

ROTO-LEAF SHREDDER

This attachment converts the 20" ROTO-CUTTER into an excellent leaf shredder and mulcher, in a few minutes. Then once over your lawn will shred all the leaves to tiny bits which will sift down through the grass and help to enrich and build up the turf. For best results the special blade shown must also be used — easily attached with one bolt.



Write for our New Four-Color Catalogue



20" ROTO-CUTTER



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